# ECS Configuration Change Request

| 1. Originator<br><br>Robert Cole | 2. Log Date:<br><br>13 JUL 00 | 3. CCR #:<br><br>00-0728 | 4. Rev:<br><br>— | 5. Tel:<br><br>301-925-0799 | 6. Rm #:<br><br>2110C | 7. Dept.<br><br>SED |
|---|---|---|---|---|---|---|

**8. CCR Title:** Modify p0acg05 kernel for additional XLV logical volumes

| 9. Originator Signature/Date<br><br>Rob Cole   7/13/00 | | 10. Class<br><br>III | 11. Type:<br><br>CCR | 12. Need Date: 7/13/00 |
|---|---|---|---|---|
| 13. Office Manager Signature/Date<br><br>Jim Matthew   7/13/00 | | 14. Category of Change:<br>Update ECS Baseline Doc. | 15. Priority: (If "Emergency" fill in Block 28).<br>Emergency | |
| 16. Documentation/Drawings Impacted:<br>none | | | 17. Schedule Impact: | 18. CI(s) Affected:p0acg05 |
| 19. Release Affected by this Change:<br>5A | | 20. Date due to Customer: | 21. Estimated Cost:<br>None - Under 100K | |

**22. Source Reference:** ☐NCR (attach)   ☐Action Item   ☐Tech Ref.   ☐GSFC   ☐Other:

**23. Problem: (use additional Sheets if necessary)**
The p0acg05 kernel is currently configured for a maximum of 40 XLV logical volumes. This ammount is insufficient for the post-transition Sybase RAID configuration.

**24. Proposed Solution: (use additional sheets if necessary)**
modify /var/sysgen/master.d/xlv in the following manner:

change the 40 in the line with "#define XLV_MAXVOLS 40" to 80 and rebuild the kernel.

**25. Alternate Solution: (use additional sheets if necessary)**
none

**26. Consequences if Change(s) are not approved: (use additional sheets if necessary)**
The post transition RAID configuration cannot be setup on p0acg05

**27. Justification for Emergency (If Block 15 is "Emergency"):**
Sybase upgrades will be impacted.

**28. Site(s) Affected:** ☐EDF  ☒PVC  ☐VATC  ☐EDC  ☐GSFC  ☐LaRC  ☐NSIDC  ☐SMC  ☐AK  ☐JPL
☐EOC  ☐IDG Test Cell  ☐Other  functionality lab

| 29. Board Comments: | 30. Work Assigned To: | 31. CCR Closed Date: |
|---|---|---|
| | | |

| 32. EDF/SCDV CCB Chair (Sign/Date):<br>Russell J. Miller   7/13/00 | Disposition: (Approved) App/Com.  Disapproved  Withdraw  Fwd/ESDIS ERB<br>Fwd/ECS |
|---|---|
| 33. M&O CCB Chair (Sign/Date): | Disposition: Approved  App/Com.  Disapproved  Withdraw  Fwd/ESDIS ERB<br>Fwd/ECS |
| 34. ECS CCB Chair (Sign/Date): | Disposition: Approved  App/Com.  Disapproved  Withdraw  Fwd/ESDIS ERB<br>Fwd/ESDIS |

CM01JA00                                                      ECS/EDF/SCDV/M&O

ORIGINAL